



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Robert L. de Jong et al. : Examiner: UNKNOWN
U.S. Serial No. 10/099,610 : Group Art Unit: 1731
Filed March 15, 2002 :
Docket No. 2212-1 (FJ-00-1-1) :
For: METHOD OF REMOVING HIGH :
DENSITY STICKIES FROM :
SECONDARY PAPERMAKING FIBERS :

1731
#2
JHW
5/30/02
RECEIVED
APR 17 2002
TC 1700

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.56, 1.97 AND 1.98

Box DD
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 C.F.R. 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56(a). While information referred to in this Information Disclosure Statement may be material pursuant to 37 C.F.R. 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 C.F.R. 1.97(h), constitute an admission that any patent, publication or other information referred to is, or is considered to be, material to the patentability of this invention. Pursuant to 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information exists.

- ☒ (a) This information Disclosure Statement is filed within the period set forth in §1.97(b) because it accompanies the new patent application submitted herewith, is filed within three months of the filing date of a national application or within three months of the date of entry of the national stage as set forth in §1.491 in an international application. Or is believed to be filed before the mailing date of a first Office Action on the merits, whichever event occurs last. However, in the event that the first office action has been mailed, the Commissioner is authorized to charge any fees under 37 C.F.R. 1.17(p) or credit any overpayment to Account No. 50-0935.
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- ☐ (1) The undersigned attorney certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement;
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- ☐ (3) This Information Disclosure Statement is accompanied by a transmittal letter in which payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97 (c) is authorized.

Patents

1. U.S. Patent No. 4,272,315, issued June 9, 1981, entitled "Secondary Fiber System", of *Espenmiller*;
2. U.S. Patent No. 4,983,258, issued January 8, 1991, entitled "Conversion of Pulp and Paper Mill Waste Solids to Papermaking Pulp", of *Maxham*;
3. U.S. Patent No. 5,234,543, issued August 10, 1993, entitled "Deinking Method Using Ink Agglomeration", of *Markham et al.*;
4. U.S. Patent No. 5,240,621, issued August 31, 1993, entitled "Method and Apparatus for Improving Flotation Separation", of *Elonen et al.*;
5. U.S. Patent No. 5,580,446, issued December 3, 1996, entitled "Screen Vortex Apparatus for Cleaning Recycled Pulp and Related Process", of *Markham*;
6. U.S. Patent No. 5,587,048, issued December 24, 1996, entitled "Pulp and Paper Products Produced From Recycled, High Lignin Content, Waste Paper", of *Streisel et al.*;
7. U.S. Patent No. 5,693,222, issued December 2, 1997, entitled "Apparatus and Method for Improved High-Efficiency Dissolved Air Flotation Fluid Processing", of *Galvan et al.*;
8. U.S. Patent No. 5,707,489, issued January 13, 1998, entitled "Processing Wastepaper Containing Waxes, Hot Melts and Adhesives", of *Grumbkow et al.*; and
9. U.S. Patent No. 5,882,475, issued March 16, 1999, entitled "Method of Recovering Fibers From a Reject Stream Generated in a Wastepaper Treating Process", of *Vikio et al.*

Publications

1. European Publication No. EP 0 570 757 A1, published November 24, 1993, entitled "Method and Apparatus for Separating Paper Fiber and Plastics from Mixed Waste Materials and Products Obtained Thereby", of *Ali et al.*;

2. European Publication No. EP 0 931 872 A1, published July 28, 1999, entitled "Process for Removing Fine Impurities From a Fibrous Material Suspension", of *Kemper et al*;
3. European Publication No. EP 0 931 873 A1, published July 28, 1999, entitled "Process for Removing Impurities From a Fibrous Material Suspension", of *Holik*; and
4. German Offenlegungsschrift DE 31 16905 A1, published November 18, 1982, entitled "Vorfahren zur Altpapieraufbereitung", of *Schweiss*.

Respectfully submitted,



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April 10, 2002

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| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | | ATTY DOCKET NO. 2212-1 (FJ-00-1-1) | | SERIAL NO. 10/099,610 | |
| | | | | Robert L. de Jong et al. | | | |
| | | | | FILING March 15, 2002 | | GROUP 1731 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | U.S. Patent 4,272,315 | 6/9/81 | Espenmiller | 162 | 4 | |
| | | U.S. Patent 4,983,258 | 1/1/91 | Maxham | 162 | 189 | |
| | | U.S. Patent 5,234,543 | 8/10/93 | Markham et al. | 162 | 5 | |
| | | U.S. Patent 5,240,621 | 8/31/93 | Elonen et al. | 210 | 787 | |
| | | U.S. Patent 5,580,446 | 12/3/96 | Markham | 210 | 202 | |
| | | U.S. Patent 5,587,048 | 12/24/96 | Streisel et al. | 162 | 7 | |
| | | U.S. Patent 5,693,222 | 12/2/97 | Galvan et al. | 210 | 194 | |
| | | U.S. Patent 5,707,489 | 1/13/98 | Von Grumbkow et al. | 162 | 4 | |
| | | U.S. Patent 5,882,475 | 3/16/99 | Vikio et al. | 162 | 4 | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | | EPO Pub. 0 570 757 A1 | 11/24/93 | EPO | D21B | 1/02 | ✓ |
| | | EPO Pub. 0 931 872 A1 | 7/28/99 | EPO | D21B | 1/32 | ✓ |
| | | EPO Pub. 0 931 873 A1 | 7/28/99 | EPO | D21B | 1/32 | ✓ |
| | | Offen. DE 31 16 905 A1 | 11/18/82 | Germany | D21 | C5/02 | ✓ |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | <div style="transform: rotate(-15deg); opacity: 0.5;"> RECEIVED APR 17 2002 TC 1700 </div> | | | | | |
| | | | | | | | |
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